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सं. 53]

नई विलो, शनिवार, दिसम्बर 30, 1972 (पौष 9, 1894)

No. 53]

NEW DELHI, SATURDAY, DECEMBER 30, 1972 (PAUSA 9, 1894)

इस भाग में विज्ञ पृष्ठ संख्या दी जाती है जिससे कि इह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
Patents and Designs

*Calcutta, the 30th December, 1972***Application for Patents filed at the Head Office**

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

11th December 1972

2105/72. The Atlas Cycle Industries Ltd., and J. D. Kapur, Cycle exerciser.

2106/72. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of fine particle size siliceous pigments.

2107/72. Council of Scientific and Industrial Research. Improvements in or relating to drive arrangements for foil materials through continuous processing equipment with special reference to the maintenance of constant linear speed.

2108/72. Council of Scientific and Industrial Research. A process relating to the production of stable fungal amyloglucosidase concentrate and its application in starch processing.

2109/72. Aikoh Co., Ltd. Method for manufacturing hot top sleeves or slabs.

2110/72. Scandia Packaging Machinery Company. Pushing means for use in a wrapping machine. [Divisional date 29th March 1971].

2111/72. Scandia Packaging Machinery Company. Method and apparatus for making tear strip wrappers. [Divisional date 29th March 1971].

2112/72. Scandia Packaging Machinery Company. Method and apparatus for aligning a wrapper sheet in a machine. [Divisional date 29th March 1971].

2113/72. Scandia Packaging Machinery Company. Control apparatus for wrapping machine. [Divisional date 29th March 1971].

2114/72. Scandia Packaging Machinery Company. Control apparatus for wrapping machine. [Divisional date 29th March 1971].

2115/72. Dunlop Limited. Improvements in or relating to pneumatic tyres. (11th December 1971).

2116/72. Dunlop Limited. Polyurethane foams. (11th December 1971).

2117/72. Ube Industries, Ltd. A separate distributing device for a discard and a dammy block in a extruding press.

12th December 1972

2118/72. Ube Industries, Ltd. Handling device for a dammy block and a discard in a metal extrusion press.

2119/72. Westinghouse Brake and Signal Company Limited. Transportation system. (14th December 1971).

2120/72. Karl Fischer Apparate-U. Rohrleitungsbau. Centrifugal atomizer unit for drying apparatuses.

2121/72. Durga Prosad Choudhury. Both sides bladed dynamo.

2122/72. Durga Prosad Choudhury. Dynamical fans.

2123/72. Durga Prosad Choudhury. Screwed buttons.

2124/72. Durga Prosad Choudhury. Electric driven tractors.

2125/72. Durga Prosad Choudhury. Improved gramophone.

2126/72. Durga Prosad Choudhury. Table fans horizontal moving blades.

2127/72. Durga Prosad Choudhury. Buttons cover.

2128/72. Ashok Kumar. Improved water taps.

- 2129/72. S. S. Jain and (Mrs.) Urmila Jain. An automatic winding machine.
- 2130/72. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Novel water-soluble reactive azo dyestuffs and process for their preparation.
- 2131/72. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-soluble reactive azo dyestuffs and process for their preparation and their use.
- 2132/72. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-soluble reactive azo dyestuffs and process for their preparation and their use.
- 2133/72. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Novel water-soluble reactive azo dyestuffs and process for preparing them (Hoe 71/F319).
- 2134/72. Sumitomo Chemical Company Ltd Method for producing anhydrous dithionite.
- 2135/72. Dr. H. B. Mathur. A smoke meter. [Addition to No. 1775/72].
- 2136/72. International Nickel Limited. Magnetostrictive Methods and apparatus.

13th December 1972

- 2137/72. Fertilizer Corporation of India Limited. Improvement in or in relation to a process of preparation of glassy sodium metaphosphate from commercial phosphoric acid.
- 2138/72. Scientronic Instruments. Process of washing glass pipettes or like tubular apparatus. [Divisional date 22nd October 1971].
- 2139/72. Marconi Corporation. Liquid jet nozzle.
- 2140/72. Stamicarbon B. V. Process for recovery of lactam.
- 2141/72. Alcan Research and Development Limited. Forming pressure-welded joints. (14th December 1971).
- 2142/72. Knorr-Bremse GMBH. Control valve for pressure air brake installations on railway vehicles.
- 2143/72. Knorr-Bremse GMBH. Control valve for pressure air brake installations on railway vehicles.
- 2144/72. Dr. S. C. Kapoor. A device.
- 2145/72. Maschinenfabrik Rieter A. G. Spinning or twisting spindles. (3rd February 1972).
- 2146/72. Maschinenfabrik Rieter A. G. Silver opening unit for open-end textile spinning machines. (9th March 1972).
- 2147/72. Hercules Incorporated. Jet spalling assembly and drill-spalling rig.
- 2148/72. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for adjusting the electrode distance in an electrolytic cell with flowing mercury cathode.

14th December 1972

- 2149/72. Council of Scientific and Industrial Research. Motor operated jack.
- 2150/72. E. F. B. British. Disposable cigarette holder.
- 2151/72. Milbras. Improvements in self-clamping grips for free cable winches.
- 2152/72. Cor Tech Research Limited. Processes for making composite rice hull-resin articles, products thereof, processes for making resin-coated rice hulls and products thereof.
- 2153/72. Imperial Chemical Industries Limited. New cellulose reactive dyestuffs. (15th December 1971).
- 2154/72. S. C. Nigam. Small sized precast food grain concrete storage bin.
- 2155/72. Ims Limited. Vag-I-jet.
- 2156/72. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of 1-amino-4-hydroxyanthraquinones substituted in the 2-and/or 3-positions.

- 2157/72. National Instruments Ltd. Improvements in or relating to high tension power packs.

- 2158/72. Dr. H. B. Mathur. Exhaust muffler.

- 2159/72. Debabrata Goswami. A soldering iron with large heat capacity.

15th December 1972

- 2160/72. G. I. S. Hunjan. Cylindro-spherometer.

- 2161/72. Mefina S. A. Ironing press.

- 2162/72. Mefina S. A. Electric ironing press.

- 2163/72. Mefina S. A. Arrangement for the adjustment of the temperature of the heating plate in an electric ironing press.

- 2164/72. Pont-A-Mousson S. A. Looked and sealed coupling for pipes.

- 2165/72. A. Bens. Device for holding operating tools at elevated heights.

- 2166/72. R. P. Sonnevile. Reinforcing device for an element of prestressed concrete and applications thereof.

- 2167/72. Tull Aviation Corporation. Remote operating condition data acquisition system.

**Application for Patents Filed at Patent Office
(Bombay Branch)**

30th December 1972

- 109/Bom-1972. Tankulinz Enterprises. Domestic apparatus for instant softening of hardwater.

2nd December 1972

- 110/Bom-1972 P. Avasthi Improvements in or relating to electrically cooled and heated cushions.

4th December 1972

- 111/Bom-1972. B. V. Seth and R. H. Wadiawala. Collapsible tube hanger.

- 112/Bom-1972. V. P. Kulkarni Machine for uprooting of land weeds.

- 113/Bom-1972. S. C. Gandhi. Orthopedic and surgical supports.

- 114/Bom-1972. Karamchand Premchand Private Limited. Process for the production of fungal cellulose by submerged fermentation.

- 115/Bom-1972. Karamchand Premchand Private Limited. Process for the production of fungal lipase in submerged fermentation.

- 116/Bom-1972. Hindustan Lever Limited. Hair preparation. (8th December 1971).

- 117/Bom-1972. Dr. S. K. Balasubramanian. A new method of preparation of 2, 3-dichloro-1, 4-naphthoquinone.

- 118/Bom-1972. Dr. S. K. Balasubramanian. The use of hydrazobenzene derivatives for the manufacture of dyestuffs and pigments.

5th December 1972

- 119/Bom-1972. The Textile and Allied Industries Research Organisation. Rotor for open-end spinning.

- 120/Bom-1972. The Textile and Allied Industries Research Organisation. Improved open-end spinning device.

- 121/Bom-1972. The Textile and Allied Industries Research Organisation Housing for an open-end rotor.

- 122/Bom-1972. The Textile and Allied Industries Research Organisation. Stop motion device.

- 123/Bom-1972. S. J. Birje and P. C. Rane. Welding and profile cutting machine.

6th December 1972

- 124/Bom-1972. Mrs. Vaijanti Vasudeo Prabhune. Improved device for detecting forged documents and the like.

7th December 1972

- 125/Bom-1972. K. P. Gupta and A. N. Arya. The generation of electric power.

8th December 1972

- 126/Bom-1972. Hindustan Lever Limited. Stabilised mustard-seed flavour.
- 127/Bom-1972. K. P. Gupta, A. N. Arya and Y. M. Ekbote. Inspecto star.
- 128/Bom-1972 K. P. Gupta and A. N. Arya. Auto lift iron.
- 129/Bom-1972 Mit-N-Mir. Improvements in or relating to precast prefabricated modular fumes and the like for metering the water flow in canals and the like.
- 130/Bom-1972. Mit-N-Mir. Improvements in or relating to pre-fabricated one-piece road embankment structure for bridges and the like.
- 131/Bom-1972. Mit-N-Mir. Improvements in or relating to one-piece non-modular pre-cast concrete outlet for guiding and controlling the supply of water for canal irrigation.
- 132/Bom-1972. Mit-N-Mir. Improvements in or relating to pre-fabricated pre-cast concrete canal drop structure or the like.
- 133/Bom-1972. Mit-N-Mir. Improvements in or relating to precast non-modular outlets for controlling supply of water for agricultural uses.

**Application for Patents filed at Patent Office
(Madras Branch)**

6th December 1972

- 42/Mas-1972. Corborundum Universal Ltd. Improvements in or relating to scrubbing and mopping pads.
- 11th December 1972
- 43/Mas-1972. M. V. Naidu. Improved multi-coloured fountain.
- 44/Mas-1972. Mrs. M. Jhansi Lakshmi. Safety devise for drivers.

Alteration of Date

128378. The claim to priority date 10th September 1969 has been disallowed and the application dated as of 10th September 1970, the date of filing in India.

Complete Specifications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of the Gazette of India or within such further period not exceeding one month applied for in Form 14 of the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents in the prescribed Form 15 of the Patents Rules, 1972, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specification in the following list will be available for sale from the Government of India Book Depot, 8, Kiron Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra, if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

The required typed copies of the specifications, together with copies of the drawings, if any, can be supplied by Patent Office on payment of the necessary charges which may be ascertained on application to this office.

The dates shown in Crescent brackets are dates allowed under Section 135 of the Act.

118481. Parke, Davis & Company. Process for the production of new 2-, 7-diamino-6-arylpyrido [2, 3-d] pyrimidine compounds and the compounds so prepared. (9th November 1967).

Comprises reacting 2-, 4-diamino-5-pyrimidine-carboxaldehyde with an arylacetonitrile compound, in presence of a base.

122096. Carlo Erba S.p.A. Process for their preparation of new basic ethers.

Reacting for example dimethyl formamide with 3, 5-dimethoxy-4-hydroxy-benzophenone.

123476. Pfizer Inc., formerly known as Chas. Pfizer & Co., Inc. Process for preparing substituted as-triazine-3, 5(2H, 4H) diones.

Characterised in treating as-triazine-3, 5-(2H, 4H)-dione with desired halo benzene or benzylhalide in solvent and with acid acceptor.

128321. P. N. R. Rao and H. N. Gupta. A device for cutting sugarcane for preparing the same in sugar industry.

Comprises a set of blades or knives mounted on a shaft to rotate therewith, a hood enclosing the set of blades and an inclined carrier below said blades, a plurality of stationary striking blades a knives fitted to said hood project upwardly towards said set of blades.

128378. Uniroyal Pty. Ltd., formerly known as S.A. Rubber Mills Pty. Ltd. Drip Irrigation.

Comprising a fluid distribution pipe having apertures in its wall spaced from one another along the pipe and corresponding coil shaped capillary tubes of greater diameter than the apertures having one end thereof extending through respective apertures and sealably retain therein by resilient deformations of the pipewall.

128893. E. M. Koos. Educational television system. (24th November 1969).

Wherein a program of sequential problem is generated at a central station and is transmitted in the form of electrical signals to at least one local station comprising at the local station, receiver means responsive to the electrical signals, means for registering responses of the students to each problem of the program means operatively connected to registering means for comparing students responses with answer information and for providing a reward signal for correct response and means operatively connected with comparing means for dispensing a tangible reward.

129161. Miles Laboratories, Inc. Metal ion detecting membranes.

Comprises mixing semipermeable polymeric material a chelating agent (i) solvent for (ii) casting the mixture obtained upon a relatively impervious surface and drying the same.

129214. Deutsche Texaco Aktiengesellschaft. Prevention of coking in pyrolysis plants.

Method for the production of olefins which comprises subjecting a saturated hydrocarbon to thermal cracking passing the cracked gas through sieve means to cause separation of coke from the cracked gas stream and passing the substantially coke-free cracked gas stream to a colter.

129277. James Franklin Mc Culler. Method of preparing human blood serum for the immunological detection of infections or serum hepatitis.

Comprises cryogenically fractionating the serum into different layers, then treating the lower most layer with glycine-saline solution of pH 8.6 to 9.2 and an inorganic salt solution of desired concentration.

129492. Eastman Kodak Company. Method and apparatus for producing masked photographic transparency.

Securing a photographic transparency to one side of a photographic masking film that is coated with light sensitive emulsion only on the opposite side, exposing the light sensitive emulsion on through the transparency and the masking

- film and developing, washing and drying the emulsion whilst maintaining the transparency in register therewith.
129531. Asahi Kasei Kogyo Kabushiki Kaisha. A bobbin and a method of producing the same.
A bobbin has adhered thereto a tab having an adhesive bearing main part and a laterally formed non-adhesive bearing flap with a mounded leading nose thereon projecting axially of the bobbin.
129574. Polymer Corporation Limited. A device for inserting bales of soft yieldable material into cartons. (27th January 1970).
Comprises a tiltable carton support means for holding a carton in filling position and tilting a filled carton through 90 degrees, conveyor means and pusher means for pushing bales into the cartons.
129606. Laporte Industries Limited. A process for the manufacture of pigmentary titanium dioxide. (24th December 1969).
Hydrolysing a solution of titanium sulphate to yield a precipitate of hydrous titanium dioxide, incorporating a suitable promoting seed and the precipitate, heating it with treating agents and thereafter the precipitate is subjected to calcining.
129672. Industrie Pirelli Societa Per Azioni. Method and apparatus for work-Hardening a welded joint between two conductors of electric cables.
The process comprises the steps of axially upsetting that portion of the conductors in the region of the joint which has become annealed during welding by applying equal and opposite compressive forces to said portion axially of the conductors.
129744. Council of Scientific and Industrial Research. Multi-tone finished antique leathers using novel design screen.
Consists in placing on the leather, screens of made of thin leather straps or cotton strings or coin ropes in predetermined formation in a relaxed condition, spraying coloured finishes on the screen and then removing it and the leather dried and finished in conventional manner.
129768. Joseph Lucas (Industries) Limited. Fault detecting system for road vehicles.
All the transducers are connected to the receiving and display unit through a single cable, and the fault transducers each produce a unique output in the event of a fault.
129770. The British Oxygen Company Limited. Vacuum-insulated pipeline. (7th January 1970).
Including prefabricated jacketed members each made up of a tubular pipe line and a coaxial tubular jacket providing therebetween insulating space, alternating with tubular junction members, two tubular sleeves joined one at each end of each jacketed member to provide insulating space around the portion of the pipe line not enclosed within the tubular jacket, said spaces being evacuated.
129851. Mefina S. A. Push-button switch.
Rotary disc has a central cavity constituting a portion of an axial passage passing through the body, the lever having a cavity clearing the said axial passage.
129867. V. T. Sharma. Improvements in or relating to bins for storing materials.
Having a flange or ledge above the lower edge on the inner surface of each shell for supporting disc having a closable opening at centre, a coupling arrangement on one side of each shell above the said flange or ledge, a bottom plate having an annular flange for supporting lower most shell a lid with annular flange on the upper most shell.
129889. G. S. N. Panicka. Improvements in or relating to drive systems for power transmission.
Speed ratio of the wheel which is fast mounted on the driving shaft and its corresponding wheel on the driven shaft being the lowest in the said system.
129902. Victory Flask Co., Private Ltd. An apparatus for use in the formation of the inner vessel of a double walled vessel.
Comprising a rotatable shaft and at least a first system of levers consisting of a first and a second lever wherein the first end of said first lever is slidably connected to the shaft so as to slide along its length whereas the first end of the second lever is rigidly connected to the shaft.
129904. Victory Flask Co., Private Ltd. An apparatus for use in the formation of the inner vessel of a double walled vessel.
Characterized by a first lever, one end of which is adapted to traverse along the shaft, a forming member carried by the lever.
129923. ACF Industries Incorporated. Fuel injection system for internal combustion engine.
Comprising apparatus for non-uniform voltage having potentiometer with resistive strip having terminals, series of adjustable taps, a voltage supply circuit with terminals, and an output tap.
129924. Victory Flask Co., Private Ltd. An apparatus for use in the formation of the inner vessel of a double walled vessel.
A rotatable shaft, a forming member made of a resilient material held to said shaft said forming member capable of being expanded in an operative state and being scaled at its upper end and held to said rotatable shaft by suitable means.
130135. Girling Limited. Improvements relating to disc brakes. (19th February 1970).
Characterised in that push rod is engaged within resilient clip for biasing its inner end in its pocket in the cam.
130186. Diamondhead Corporation. Apparatus for transferring loads.
Comprising a load carrying base structure on which the load is to be transferred and flexible support means movable between first position on said base structure and second position over the underlying surface.
130244. General Electric Company. Automatic control system for crop shear.
Comprising a shear, control means, drive motor speed limit means, means for detecting location of crop line, means for calculating shear start portion and means for continuously calculating the position of said crop line.
130294. Council of Scientific and Industrial Research. Improvements in or relating to glass coated glass fibres.
Core glass consisting of high (1.6 above) refractive index glass rod having close chemical compatibility to clad glass (outer glass) is kept in a tubing of low refractive index (1.5) clad glass, the assembly is kept in a tubular furnace having a temperature 1000° at the centre of the furnace and the out coming fibre is struck to a drum and the fibre is wound on the drum of surface speed about 4500 feet minute.
130318. Takeda Chemical Industries, Ltd. Method for producing citric acid.
Inoculating a citric acid accumulating yeast belonging to the genus candida, capable of utilising hydrocarbons, in a medium containing phosphorus and a hydrocarbon and incubating the culture until citric acid is accumulated.

130627. British Insulated Callender's Cables Limited. Improvements in electric cables.

Comprising single or multiple wire conductor, the or each wire consisting of an inner part of non-heat treatable aluminium alloy and bonded thereto an outer part of copper or copper alloy.

130630. I. Y. Gorodetsky. Mass transfer column-type apparatus.

Comprising a packing built up by disks disposed one above another across the shell of the apparatus and having orifices furnished with guide vanes inclined in relation to disk plane, means for setting the working media and said disks in mutual reciprocating motion, and working media inlet and outlet connecting pipes, provision being made to locate the slit shaped clearances between the apparatus shell wall and adjacent disks on opposite side of the disks.

130688. Marston Excelsior Limited. Improvements in or relating to electrodes. (25th March 1970).

Comprising taking an electrode substrate of titanium, etc applying coating composition containing one precious metal, firing to provide an under-layer and electroplating on precious metal in the under-layer.

130929. B. S. C. Footwear Limited. Method and apparatus for manufacturing goods particularly boots and shoes made of material such as leather or a leather substitute. (13th April 1970).

Comprises the steps of providing a former, cutting a piece of the material in flat form to a desired shape placing a flexible diaphragm near the material, moving the material into contact with the former and applying a vacuum between the former and the diaphragm.

131150. Prolizenz AG. Continuous casting of metal.

In which before the start of casting, a pair of electrically insulated contact wires are clamped between two successive mould halves and casting is started by flow of metal into the mould until the wires are short circuited.

131321. K. Ramakrishnan. An improved liquid retaining structure.

Its side wall is made up of a number of vertical hollow segments the segments being not joined the gaps between the segments being made water tight by dropping water proof sheath on the inner face of the wall, the sheath extending to the full height of the wall and being fixed rigidly to the base in which the segments are fixed.

131426. Wayne Manufacturing Co., Debris displacement unit and a street sweeper vehicle having such debris displacement unit.

Comprises a pair of arms terminally carrying an interconnecting squeegee so that large debris displaced by the squeegee may pass between the deflected arms.

131609. Hydrocarbon Research, Inc. Low sulphur fuel oil and a process for producing the same.

Comprises (a) passing an oil coal slurry through a reaction zone operating under a hydrogen partial pressure and (b) removing an effluent and separating a solid containing fraction from said effluent and (c) recovering a hydrocarbon fraction boiling above 400°F plus.

131897. Vedecko-Vyzkumny Uhelný Ustav. Equipment for the continuous automatic seismo-acoustic measurements of the dynamic noise variations within the rock mass.

Characterised in that on the source of the input pulse generator there are interconnected in series in two measuring channels the intrinsically safe barrier strips, attenuators, amplifiers, low frequency filters, barrier amplifiers, control cir-

cuits for the selection of the amplitude level, detectors, schmitt sweep circuits tapped regulators, of the time constant connected in parallel and further the counters.

132246. Chief Scientist, Ministry of Defence, Government of India, New Delhi. Process for preparation of high impact resin-fibre glass composite sheet material.

Fibre glass, in the form of woven fabric, sprayed with a keying agent is impregnated with a resin, the fabric is laid on a matched mould and subjected to heat and pressure at 110 to 130°C and 160 to 200 lbs/psq in respectively, the sheets obtained are joined with adhesive and cut in desired shapes and sizes.

132280. Joseph Lucas (Industries) Limited. Electrical switches. (8th August 1970).

Comprising a slides extending between a base and cover and carrying a roller such that during sliding of the slider between a first to a second position bridging a pair of contacts, the roller undergoes rotational movement.

132500. Panchu Gopal Mondal and Ram Krishna Bhattacharjee. Tubewell cylinder.

Comprising a shell with a top nut having clean holes fitted at top end and a bottom nut having a non-return sheet valve fitted at bottom end, and a plunger arrangement slideable within the shell and having a reservoir provided at top with a sheet valve.

132945. Tollermache Composting Systems Limited. Improvements in ballistic separator pulveriser.

Comprising a generally conical container having flails mounted therein for rotation about a substantially vertical axis, means for causing a down-draft of air through the container and a gridding section below the conical section.

133198. Pressure cookers & Appliances Private Limited. Improvement in or relating to pressure cookers.

Wherein the fulcrumming means comprises a fulcrumming pin mounted on the handle, the said handle bar having an arcuate or channel shaped transverse section for a part of its length at its underside.

133698. Midland-Ross Corporation. Knuckle type railway car coupler.

Comprising a forward nose portion and a rearwardly extending tail portion, the knuckle being adapted for pivotal mounting in the head.

133727. Dr. C. Otto & Comp. G.m.b.H. Tubular transition piece used in coke ovens.

A lip shaped attachment is fitted on the inner periphery of the flange in the transition pieces, and projecting into the latter, which shields at least the top half of said connecting pipe, and in the upper most region of an annular space formed by the wall of the transition piece and attachment is located the downwardly directed flushing water pipe.

133751. Apaw S. A. Dry cleaning machines.

Comprises a cleaning chamber a perforated drum in said chamber, a solvent tank, a soiled solvent tank a vapour condenser a drying circuit a second vapour condenser switch means and means sensitive to the flow of liquid from said condensers to said solvent tank.

133854. Ringfeder G.m.b.H. Draw and buffing gear, in particular for middle buffer couplings on railway vehicles.

Comprising a springing device constituted by two housing elements adapted to be displaced telescopically one within the other against the force of a spring.

133997. Mitsui Petrochemical Industries, Ltd Improved process for producing terephthalic acid.

The exhaust vapor containing the non-condensable gas steam and acetic acid vapour is subjected to fractional distillation and the acetic fraction is returned to the reaction zone and the mother liquor recovered after separation of the terephthalic acid is recycled to the reaction zone.

134049. Svenska Aktiebolaget Bromsregulator. Pneumatic cylinderpiston unit for railway brake riggings. (12th January 1971).

Characterised in that the spindle is provided with radially extending clutch surface adapted to co-operate with corresponding clutch surfaces on the piston of the unit upon relative axial movements between the said spindle and piston.

134223. Jayshree Plastics Private Limited. A dispenser for powdery materials.

Comprising a container passage means extending inwardly from aperture means at the bottom of the container and a spreader.

Patents Sealed

125795

Amendment Proceedings

(1)

Notice is hereby given that Farbensfabriken Bayer Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, of Leverkusen, Federal Republic of Germany, manufacturers, have filed an application under section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 127558 for "Complex compounds of the cobalt-phthalocyanine series". The amendments are by way of correction of the name of the applicant which has been changed to "Bayer Aktiengesellschaft" from "Farbensfabriken Bayer Aktiengesellschaft". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Farbensfabriken Bayer Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, of Leverkusen, Federal Republic of Germany, manufacturers, have filed an application under Section 57 of the Patents Act, 1970 for amendment of the application and specification of their application for Patent No. 129621 for "Dithiophosphoric acid esters and their use as insecticides and acaricides". The amendments are by way of correction of name of the applicants which has been changed to "Bayer Aktiengesellschaft" from "Farbensfabriken Bayer Aktiengesellschaft". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

Patents deemed to be endorsed with the words "Licences of Right"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention
77973 (7-8-61) Improvements in relating to the manufacture of electrically conductive sealing and contact compounds.

77974 (7-8-61) New azo-dyestuffs, process for their manufacture and process for dyeing or printing textiles with such dyestuffs.

77981 (8-8-61) Process for making fumaric acid.

78004 (9-8-61) Method of direct production of lower hydrates of ferrous sulphate and regeneration of sulphuric acid from exhausted pickling bath liquors.

78016 (10-8-1961) Improvements in the production of thermosetting resins.

78051 (14-8-61) Process for the treatment of chromite for its employment as a refractory material.

78057 (14-8-61) Process for the continuous alkylation of arylhydro-oxides using ion exchange resins.

78075 (25-7-61) Process for the production of solutions of pure peracetic acid.

78094 (24-11-60) Process for the manufacture of new ethers.

78097 (24-11-60) Process for the manufacture of new ethers.

78100 (24-11-60) Process for the manufacture of new ethers.

78103 (24-11-60) New animal feed and drink compositions for use in rearing animals.

78114 (18-8-61) Dolefin polymerization.

78117 (12-9-60) Process for the manufacture of new dyestuffs and the dyestuffs so obtained.

78129 (19-8-61) Nitride bearing ductile steel and method for the manufacture thereof.

78135 (19-8-61) Triol compounds and process for the manufacture thereof.

78136 (19-8-61) Cosmetic preparation and a process for manufacturing them.

78169 (22-8-61) Process for preparing synergistically clad flame-spray composites.

78174 (22-8-61) Fungicidal agents.

78175 (22-8-61) Water-soluble anthraquinone dyestuffs, process for their manufacture and fibres dyed or printed with such dyestuffs.

78190 (23-8-61) A process for the purification of polymerised amino carboxylic acids by washing, and the polyamides thus purified.

78195 (23-8-61) Process for the manufacture of linear quinacridone in the gamma crystal phase.

78221 (25-8-61) New dyestuffs and preparation thereof, their manufacture and dyeing and printing process.

78230 (25-8-61) Separate carbon supplement combination in the process of reduction of oxide iron-ores.

78236 (6-6-61) New phosphoric acid esters.

78238 (12-6-61) Process for the production of pure solutions of callicrein inactivator.

78242 (26-8-61) Improvements in or relating to the production of butadiene polymers.

78249 (28-8-61) Pesticidal compositions containing phosphorus esters.

78264 (28-8-61) Process of milling beans.

78314 (1-9-61) Preparation of urea from NH₃ and CO₂ and plant suitable for this preparation.

78315 (27-1-60) Compositions such as a poultry feed or animal feed supplement compositions containing new pyridinium quaternary salts,

78325 (2-9-61) An improved process for the preparation of N, N'-diethylethylenediamine.

78351 (4-9-61) Method of producing nitroso compounds and oximes.

78352 (4-9-61) Urethane foam and a process of producing it.

78353 (4-9-61) Production of phenols.

78358 (5-9-61) Process of and apparatus for continuously producing paper pulp.

78362 (5-9-61) Insecticide formulations containing a phosphate insecticide.

No.	Title of the invention	No.	Title of the invention
78378 (6-9-61)	Process and apparatus for producing benzoic acid.	78688 (3-10-60)	Polyhydroxy compounds and the preparation of polyurethanes therefrom.
78382 (6-9-61)	Improvements relating to the isomerisation of paraffin hydrocarbons.	78697 (30-9-61)	Pesticidal compositions and a method of preparing them.
78383 (6-9-61)	Improvements relating to preparation of catalysts.	78699 (30-9-61)	Metal-containing reactive dyes, process for the manufacture thereof, and dyeing, padding or printing fibres therewith.
78439 (12-9-61)	Polymerization of butadiene and catalytic composition therefor.	78704 (20-10-60)	Manufacture of polyurethane lacquers.
78452 (13-9-61)	Process for treating solutions and apparatus therefor.	78708 (3-10-61)	Removal of hydrogen sulphide from gas mixtures.
78461 (3-11-60)	Improvements in the production of polyurethane elastomers.	78715 (3-10-61)	Ferromagnetic compositions and process of preparing the same.
78463 (13-9-61)	A method of treating a synthetic rubber latex.	78716 (3-10-61)	Ferromagnetic compositions and process of preparing the same.
78473 (14-9-61)	Process for the production of α , α -dichloropropionic acid.	78722 (3-10-61)	Process for the polymerisation of alpha-olefins to crystalline polymers.
78488 (15-9-61)	A rubber composition having predominantly cis-1, 4 polybutadiene, method of processing same and vulcanized products obtained therefrom.	78726 (3-10-61)	Method for producing chemical fertilizers.
78496 (16-9-61)	Process for the preparation of a dichlorotetrahydropene-2:5-dicarboxylic acid dichloride.	78727 (3-10-61)	A process for the production of chemical fertilizers.
78497 (16-9-61)	Process for the manufacture of semi-ester chlorides of aromatic dicarboxylic acids.	78732 (3-10-61)	Olefin polymerization process.
78498 (16-9-61)	Process for the manufacture of semi ester chlorides of aromatic dicarboxylic acids.	78740 (4-10-61)	Continuous desublimation process and apparatus therefor.
78505 (18-9-61)	Separating gases and vapours from fuel oil.	78758 (6-10-61)	Poly (hydroxyethers) and a method for their preparation.
78510 (18-9-61)	Process for preparing polymeric composition	78766 (6-9-60)	Pharmaceutical compositions containing α -dialdehyde α -ketoaldehyde and α -diketone dithiosemicarbazones and the making thereof.
78517 (19-7-61)	Selective hydrogenation of hydrocarbons in the liquid state.	78767 (6-9-60)	Pharmaceutical compositions containing α -dialdehyde, α -ketoaldehyde and α -diketone dithiosemicarbazones and the making thereof.
78532 (19-9-61)	Method of producing cycloalkanoneoxime hydrochlorides.	78785 (7-10-61)	Wet process for production of phosphoric acid and gypsum.
78540 (19-9-61)	Method and apparatus for carrying out automatically reactions between a liquid reagent and a gaseous reagent.	78793 (10-10-61)	The process for rendering 2-pyrrolidone anhydrous.
78556 (21-9-60)	Method for the production of antibiotic ZN-6 and salts thereof.	78794 (20-10-60)	Manufacture of polymers containing isocyanate rings.
78568 (25-8-61)	A process for the production of cyanuric chloride and its use thereof in the productions of aminochlorotriazines.	78797 (10-10-61)	Pesticidal compositions containing new phosphorous esters.
78577 (22-9-61)	Photochemical method of producing cycloalkanoneoxime hydrochlorides.	78803 (10-10-61)	Vat dyestuff of the dibenzanthrone series, process for their manufacture, and dyeing or printing cellulose textile materials therewith.
78578 (22-9-61)	A process for recovering dimethylester of isophthalic acid.	78812 (13-10-60)	Process for the treatment of light hydrocarbon oils and light hydrocarbon oils obtained by this process.
78584 (23-9-61)	Improvements relating to the production of charge pellets containing metal oxides, and pellets so produced.	78821 (8-7-59)	Process for the preparation of benzoquinoline cyclic alcohols.
78597 (25-9-1961)	Methods for production of magnesium oxide and mixture of magnesium oxide and magnesium chloride hydrate from solutions or salts, containing magnesium chloride ($MgCl_2$).	78897 (20-10-61)	Water-insoluble disazo-dyestuffs and process for their manufacture and textile materials dyed therewith.
78604 (25-9-61)	Process and apparatus to the continuous digestion of alumina-containing minerals particularly of bauxite by means of caustic soda solution.	78898 (20-10-61)	New anthraquinone dyestuffs and process for their manufacture.
78606 (26-6-59)	16-alkylene pregnane derivatives and process for preparing the same	78899 (20-10-61)	Anthraquinone dyestuffs free from acid groups imparting water-solubility, their manufacture and use.
78611 (25-9-61)	Carotenoid preparations and process for the manufacture of same	78920 (20-10-61)	Production of L-glutamic acid acid by fermentation.
78633 (26-9-61)	Modification of polymerization of dienes catalyzed by lithium-based catalysts.	78928 (21-10-60)	Improvements in or relating to the preparation of enol halides of grison acids.
78645 (27-9-61)	Process for the manufacture of P-hydroxybenzoic acid.	78946 (20-10-61)	Yellowish red monoazo-dyestuffs, process for their manufacture and their use for dyeing or printing material or regenerated cellulose fibres.
78659 (27-9-61)	Process and apparatus for wet-pelleting waterinsoluble powdered materials such as carbon black, metal compounds and catalyst powders.	78958 (21-10-61)	Continuously processing materials such as iron oxide and coal and an apparatus therefor.
78683 (29-9-61)	Highly polymeric dyestuffs and process for their manufacture.	78965 (21-10-61)	Process for the production of 1, 3-diarylpyrazolines used as optical whitening agents and textile treating compositions comprising such agents.

- 78973 (21-10-61) Improvements relating to coating resin and method of preparing them.
 78976 (21-11-60) Improvements in the preparation of olefin
 78978 (1-11-60) Process for treating crude petroleum oils.

Renewal Fees Paid

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Renewal Fees filed at Patent Office**(Bombay Branch)**

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Cessation of Patents

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RESTORATION PROCEEDINGS**(1)**

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 65406 granted to William Walker for an invention relating to "improvements in or relating to photographic developers". The Patent ceased on the 30th September, 1970 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 17th June, 1972.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharva Jagadish Bose Road, Calcutta-17, on or before the 1st February, 1973, under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 111109 granted to Ala El Dine Abdellatif for an invention relating to "process for treating rice husk and the material obtained by said process". The patent ceased on the 14th June, 1972 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 16th December, 1972.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on or before the 2nd March, 1973, under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Registration of Designs

The following designs have been registered. They are not of registration except as provided for in Section 50 of the Indian Patents and Designs Act (now designated Designs Act, 1911).

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 140073... Regal Industrial Corporation, a registered Indian partnership firm carrying on business at Room No. 122, Bharat Industrial Estate, 1st Floor, Tokersi Jivraj Road, Sewri, Bombay-15 DD, Maharashtra, "Hinges", July 21, 1972.
- Class 1. No. 140088. Rajen Industrial Corporation, 95/205, Dadasaheb Phalke Road, Dadar, Bombay-14, Maharashtra State (a Registered Indian Partnership Concern) "Domestic grinders cum mixers", July 31, 1972.
- Class 1. No. 140270. Jyoti Industries, (an Indian Partnership firm), City Station Road, Raipur (M.P.), "Hand Fan", September 23, 1972.
- Class 3. No. 139612. Nilkamal Plastic & Allied industries, (an Indian Partnership Firm), Off Saki Vihar Road, Opp : John Baker, Pawai, Bombay-70, Maharashtra, "Shopping Bag", March 6, 1972.
- Class 3. No. 139614. National Plastic Industries, (an Indian Partnership Firm), Taber Bldg., 1st floor, 85, Sarang Street, Bombay-3, (Maharashtra), "Dust pan", March 6, 1972.
- Class 3. No. 139961. Excelsior Trading Company, (an Indian Partnership Firm), Post Box No. 5A, 221/25, P. D'Mellow Road Fort, Bombay-1 (Maharashtra State), "Coat hanger", June 12, 1972. .
- Class 3. No. 139971. Rameshchandra Kalidas Patel, Indian national, residing at 3 Garden Terrace, 11th Road, Santacruz (East), Bombay-55 (AS), State Maharashtra, Indian, "A plastic tray", June 12, 1972.
- Class 3. No. 139978. Ram Kishan Bajaj, F 38 South Extension Part I, New Delhi, Indian, "Container", June 19, 1972.
- Class 3. No. 140018. Baldev Raj Grover and Brij Mohan Grover 7847/14 Nai Basti, "Optical frames" July 6, 1972.
- Class 3. No. 140094. Kooverji Devshi & Co., Pvt., Ltd., an Indian Company incorporated in India under the Indian Companies Act and having its Office at Arun Chambers, Tarddeo Road, Bombay, State of Maharashtra, India, "A cap for a device for extinguishing fire", August 2, 1972.
- Class 3. No. 140147. Swan Handicrafts and Industrial Project 65-66 Gandhi Bazar, Amritsar (India). An Indian Firm "A needle compact (Plastic container)", August 14, 1972.
- Class 3. No. 140189. Veeson Industries, an Indian Partnership Firm carrying on business at Mahalaxmi Industrial Estate 2nd Floor, Unit No. 12, Off Ferguson Road, (Behind Nerolac Paint Factory) Lower Parel, Bombay-400013, Maharashtra, "Squeezee", August 28, 1972.
- Class 3. No. 140203. Chandrakant Somabhai Patel, An Indian Citizen 19, Sampatrao Colony, Baroda-5, Gujarat, India, "Container", September 4, 1972.
- Class 3. No. 140204. Chandrakant Somabhai Patel, An Indian Citizen 19, Sampatrao Colony, Baroda-5, Gujarat India, "Closure", September 4, 1972.
- Class 3. No. 140240. Dunlop Limited, a British Company Dunlop House, Ryder Street, St. James's London S. W. 1., England, "Tyre for a vehicle wheel", March 24, 1972. (U.K.).
- Class 3. No. 140252. Myadam Narsing Rao, Ganesh Ink Industries, Industrial Estate, D-2, Karimnagar (Andhra Pradesh), Indian National, "Ink Bottles", September 18, 1972.
- Class 3. No. 140280. Sunshail Enterprises, (an Indian Partnership Firm) 36B Girraj Industrial Estate, Mahakali Caves Road, Chakala, Andheri (East), Bombay-59 (Maharashtra), "Container-cum-toy", September 29, 1972.

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Design Nos. 133697, 133558, 134606, 135014, 135290, 135908, 136859, 135329, 135291, 135909, 135925, 136350, 136352 Class—1.

Design Nos. 135617, Class—3.

Design Nos. 135616, 135618, Class—10.

Design No. 130556, Class—11.

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Design No. 135617, Class—3.

Design Nos. 135616 and 135618, Class—10.

S. VEDARAMAN,
Controller General of Patents, Designs and Trade Marks.

